

### ABSTRACT OF THE DISCLOSURE

An immunological or immunohematological assay system is disclosed that includes a filter vessel capable of containing an assay sample, an incubator, a sample separation system, an image acquisition system, and a robotic pipettor. The

5 immunological assay system may also include a washer. Also disclosed is an immunological assay method that includes the steps of placing a immunological assay sample in a filter vessel, which includes a filter, adding testing reagents to the filter vessel, incubating the sample and reagent mixture in the filter vessel, separating the sample and reagent mixture in the filter vessel into components above and below the  
10 filter, and analyzing the filter vessel to determine the presence of interactions between the sample and reagents.